

	JJJ	000000000	888888888888	CCCCCCCCCCCC	TTTTTTTTTTTTTTTT	LLL		
	JJJ	000000000	888888888888	CCCCCCCCCCCC	TTTTTTTTTTTTTTTT	LLL		
	JJJ	000000000	888888888888	CCCCCCCCCCCC	TTTTTTTTTTTTTTTT	LLL		
	JJJ	000	000	888	888	CCC	TTT	LLL
	JJJ	000	000	888	888	CCC	TTT	LLL
	JJJ	000	000	888	888	CCC	TTT	LLL
	JJJ	000	000	888	888	CCC	TTT	LLL
	JJJ	000	000	888	888	CCC	TTT	LLL
	JJJ	000	000	888	888	CCC	TTT	LLL
	JJJ	000	000	888	888	CCC	TTT	LLL
	JJJ	000	000	888888888888		CCC	TTT	LLL
	JJJ	000	000	888888888888		CCC	TTT	LLL
	JJJ	000	000	888888888888		CCC	TTT	LLL
JJJ	JJJ	000	000	888	888	CCC	TTT	LLL
JJJ	JJJ	000	000	888	888	CCC	TTT	LLL
JJJ	JJJ	000	000	888	888	CCC	TTT	LLL
JJJ	JJJ	000	000	888	888	CCC	TTT	LLL
JJJ	JJJ	000	000	888	888	CCC	TTT	LLL
JJJ	JJJ	000	000	888	888	CCC	TTT	LLL
JJJ	JJJ	000	000	888	888	CCC	TTT	LLL
JJJ	JJJ	000	000	888	888	CCC	TTT	LLL
JJJ	JJJ	000	000	888	888	CCC	TTT	LLL
JJJJJJJJJ		000000000	888888888888	CCCCCCCCCCCC		TTT	LLLLLLLLLLLLLLLL	
JJJJJJJJJ		000000000	888888888888	CCCCCCCCCCCC		TTT	LLLLLLLLLLLLLLLL	
JJJJJJJJJ		000000000	888888888888	CCCCCCCCCCCC		TTT	LLLLLLLLLLLLLLLL	

BBBBBBBB	RRRRRRRR	000000	AAAAAA	DDDDDDDD	CCCCCCCC	AAAAAA	SSSSSSSS	TTTTTTTTTT
BBBBBBBB	RRRRRRRR	000000	AAAAAA	DDDDDDDD	CCCCCCCC	AAAAAA	SSSSSSSS	TTTTTTTTTT
BB	RR	00	AA	DD	CC	AA	SS	TT
BB	RR	00	AA	DD	CC	AA	SS	TT
BB	RR	00	AA	DD	CC	AA	SS	TT
BB	RR	00	AA	DD	CC	AA	SS	TT
BBBBBBBB	RRRRRRRR	00	AA	DD	CC	AA	SSSSSS	TT
BBBBBBBB	RRRRRRRR	00	AA	DD	CC	AA	SSSSSS	TT
BB	RR	00	AAAAAAAAA	DD	CC	AAAAAAAAA	SS	TT
BB	RR	00	AAAAAAAAA	DD	CC	AAAAAAAAA	SS	TT
BB	RR	00	AA	DD	CC	AA	SS	TT
BB	RR	00	AA	DD	CC	AA	SS	TT
BBBBBBBB	RR	000000	AA	DDDDDDDD	CCCCCCCC	AA	SSSSSSSS	TT
BBBBBBBB	RR	000000	AA	DDDDDDDD	CCCCCCCC	AA	SSSSSSSS	TT

....
....
....
....

LL	IIIIII	SSSSSSSS
LL	IIIIII	SSSSSSSS
LL	II	SS
LL	II	SS
LL	II	SS
LL	II	SS
LL	II	SSSSSS
LL	II	SSSSSS
LL	II	SS
LL	II	SS
LL	II	SS
LL	II	SS
LLLLLLLLLL	IIIIII	SSSSSSSS
LLLLLLLLLL	IIIIII	SSSSSSSS

G 9
15-Sep-1984 23:56:16
14-Sep-1984 12:36:57VAX-11 Bliss-32 V4.0-742
[JOBCTL.SRC]BROADCAST.B32;1

```
1 0001 0 MODULE BROADCAST(%TITLE 'Broadcast message to user'
2 0002 0 IDENT = 'V04-000'
3 0003 0 ) =
4 0004 1 BEGIN
5 0005 1
6 0006 1
7 0007 1 *****
8 0008 1 *
9 0009 1 * COPYRIGHT (c) 1978, 1980, 1982, 1984 BY
10 0010 1 * DIGITAL EQUIPMENT CORPORATION, MAYNARD, MASSACHUSETTS.
11 0011 1 * ALL RIGHTS RESERVED.
12 0012 1 *
13 0013 1 * THIS SOFTWARE IS FURNISHED UNDER A LICENSE AND MAY BE USED AND COPIED
14 0014 1 * ONLY IN ACCORDANCE WITH THE TERMS OF SUCH LICENSE AND WITH THE
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16 0016 1 * COPIES THEREOF MAY NOT BE PROVIDED OR OTHERWISE MADE AVAILABLE TO ANY
17 0017 1 * OTHER PERSON. NO TITLE TO AND OWNERSHIP OF THE SOFTWARE IS HEREBY
18 0018 1 * TRANSFERRED.
19 0019 1 *
20 0020 1 * THE INFORMATION IN THIS SOFTWARE IS SUBJECT TO CHANGE WITHOUT NOTICE
21 0021 1 * AND SHOULD NOT BE CONSTRUED AS A COMMITMENT BY DIGITAL EQUIPMENT
22 0022 1 * CORPORATION.
23 0023 1 *
24 0024 1 * DIGITAL ASSUMES NO RESPONSIBILITY FOR THE USE OR RELIABILITY OF ITS
25 0025 1 * SOFTWARE ON EQUIPMENT WHICH IS NOT SUPPLIED BY DIGITAL.
26 0026 1 *
27 0027 1 *
28 0028 1 *****
29 0029 1
30 0030 1
31 0031 1 ++
32 0032 1 FACILITY:
33 0033 1 Job controller.
34 0034 1
35 0035 1 ABSTRACT:
36 0036 1 This module contains the routines that interface to broadcast.
37 0037 1
38 0038 1 ENVIRONMENT:
39 0039 1 VAX/VMS user and kernel mode.
40 0040 1 --
41 0041 1
42 0042 1 AUTHOR: M. Jack, CREATION DATE: 16-Feb-1982
43 0043 1
44 0044 1 MODIFIED BY:
45 0045 1
46 0046 1 V03-004 MLJ0115 Martin L. Jack, 30-Jul-1983 14:37
47 0047 1 Add broadcast class.
48 0048 1
49 0049 1 V03-003 MLJ0114 Martin L. Jack, 23-Jun-1983 4:57
50 0050 1 Changes for job controller baselevel.
51 0051 1
52 0052 1 V03-002 MLJ0113 Martin L. Jack, 26-May-1983 21:06
53 0053 1 Changes for job controller baselevel.
54 0054 1
55 0055 1 V03-001 MLJ0109 Martin L. Jack, 14-Apr-1983 12:45
56 0056 1 Changes for job controller baselevel.
57 0057 1
```

BROADCAST
V04-000

Broadcast message to user

: 58

0058 1 ! 會會

15^H-SEP-1984 23:56:16
14-SEP-1984 12:38:37

VAX-11 Bliss-32 V4.0-742
[JOBCTL.SRC]BROADCAST.B32;1

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V04

BROADCAST
V04-000

Broadcast message to user

1 9
15-Sep-1984 23:56:16
14-Sep-1984 12:36:57

VAX-11 Bliss-32 V4.0-742
[JOBCTL.SRC]BROADCAST.B32;1

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(2)

:	60	0059	1	REQUIRE 'SRC\$:JOBCTLDEF';
:	61	1100	1	
:	62	1101	1	
:	63	1102	1	FORWARD ROUTINE
:	64	1103	1	BROADCAST_MESSAGE:
:	65	1104	1	
:	66	1105	1	
:	67	1106	1	EXTERNAL ROUTINE
:	68	1107	1	CREATE_SRQ_RECORD;

NOVALUE;

BUF
V04

```
1108 1 GLOBAL ROUTINE BROADCAST_MESSAGE(SYSID,USERNAME,LENGTH,ADDRESS): NOVALUE=
1109 1
1110 1 ++
1111 1
1112 1 FUNCTIONAL DESCRIPTION:
1113 1     This routine issues a broadcast to all processes with a specified
1114 1     username.
1115 1
1116 1 INPUT PARAMETERS:
1117 1     SYSID           - Pointer to system ID of receiver.
1118 1     USERNAME       - Pointer to username of receiver.
1119 1     LENGTH         - Descriptor for message.
1120 1     ADDRESS
1121 1
1122 1 IMPLICIT INPUTS:
1123 1     NONE
1124 1
1125 1 OUTPUT PARAMETERS:
1126 1     NONE
1127 1
1128 1 IMPLICIT OUTPUTS:
1129 1     NONE
1130 1
1131 1 ROUTINE VALUE:
1132 1     NONE
1133 1
1134 1 SIDE EFFECTS:
1135 1     Messages broadcast to terminals.
1136 1
1137 1 --
1138 1
1139 2 BEGIN
1140 2 MAP
1141 2     SYSID:          REF BBLOCK,          ! Pointer to system ID
1142 2     USERNAME:      REF BBLOCK;         ! Pointer to username
1143 2
1144 2
1145 2 ! If this is a remote user, enter a remote request.
1146 2
1147 3 IF SYSID_NEQ(THIS_SYSID, .SYSID)
1148 2 THEN
1149 3 BEGIN
1150 3     CREATE SRQ RECORD(
1151 3         SRQ$K BROADCAST MESSAGE,
1152 3         .SYSID, .USERNAME, .LENGTH, .ADDRESS);
1153 3     END
1154 2 ELSE
1155 3 BEGIN
1156 3     LOCAL
1157 3         MSG_DESC:      VECTOR[2],      ! Descriptor for message
1158 3         USER_DESC:     VECTOR[2];      ! Descriptor for username
1159 3
1160 3
1161 3 ! Initialize descriptors and issue the $BRKTHRU.
1162 3
1163 3 MSG_DESC[0] = .LENGTH;
1164 3 MSG_DESC[1] = .ADDRESS;
```

BROADCAST
V04-000

Broadcast message to user

K 9
15-Sep-1984 23:56:16
14-Sep-1984 12:36:57

VAX-11 Bliss-32 V4.0-742
[JOBCTL.SRC]BROADCAST.B32;1

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```

: 127      1165 3      USER_DESC[0] = 12;
: 128      1166 3      USER_DESC[1] = .USERNAME;
: 129      1167 3      $BRKTHRU(
: 130      1168 3      MSGBUF=MSG_DESC,
: 131      1169 3      SENDTO=USER_DESC,
: 132      1170 3      SNDTYP=BRKSC_USERNAME,
: 133      1171 3      REQID=BRKSC_QUEUE,
: 134      1172 3      TIMEOUT=10);
: 135      1173 2      END;
: 136      1174 1      END;
```

.TITLE BROADCAST Broadcast message to user
.IDENT \V04-000\

.PSECT COMMON,NOEXE, OVR,2

```

00000 DIAG_STORAGE BASE:
      .BLKB 0
00000 DIAG_TRACE:
      .BLKB 96
00060 DIAG_COUNT:
      .BLKB 96
000C0 DIAG_FLAGS:
      .BLKB 4
000C4 WORK_AREA:
      .BLKB 44
000F0 SNDJBC_COUNT:
      .BLKB 132
00174 GETQUI_COUNT:
      .BLKB 40
0019C SNDACC_COUNT:
      .BLKB 28
001B8 SNDSMB_COUNT:
      .BLKB 72
00200 DIAG_STORAGE END:
      .BLKB 0
00200 FLAGS: .BLKB 4
00204 IMAGE_DUMP_STSFLG:
      .BLKB 4
00208 THIS_SYSID:
      .BLKB 6
0020E .BLKB 2
00210 CUR_TIME:
      .BLKB 8
00218 HOURLY_TIME:
      .BLKB 8
00220 HOURLY_PARAMS:
      .BLKB 20
00234 SYMBIONT_COUNT:
      .BLKB 4
00238 QUEUE_REFERENCE_COUNT:
      .BLKB 4
0023C MBX_MESSAGE_COUNT:
      .BLKB 4
00240 MBX: .BLKB 4
00244 MBX_END: .BLKB 4
```

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V04

:

L 9
15-Sep-1984 23:56:16
14-Sep-1984 12:36:57VAX-11 Bliss-32 V4.0-742
[JOBCTL.SRC]BROADCAST.B32;1

00248 MEMORY_FREE_QUEUES:
 .BLRB 40
00270 NONAST_WORK_QUEUE:
 .BLRB 8
00278 BCB_FREE_LIST:
 .BLRB 4
0027C BCB_ACTIVE_LIST:
 .BLRB 4
00280 GQL_FREE_LIST:
 .BLRB 4
00284 GQL_ACTIVE_LIST:
 .BLRB 4
00288 OPEN_GETQUI_LIST:
 .BLRB 4
0028C PROCESS_DATA_LIST:
 .BLRB 4
00290 SYMBIONT_CONTROL:
 .BLRB 4
00294 SPARE_AREA:
 .BLRB 12
002A0 REMOTE_REQUEST_LKSB:
 .BLRB 8
002A8 QUEUE_FILE_LKSB:
 .BLRB 8
002B0 QUEUE_LOCK_LKSB:
 .BLRB 8
002B8 RSP: .BLKB 8
002C0 JBC_PRIORITY:
 .BLRB 4
002C4 JBC_PRIVILEGES:
 .BLRB 8
002CC JBC_QUOTAS:
 .BLRB 66
0030E .BLKB 2
00310 JBC_UIC: .BLKB 4
00314 QUEUE_FAB:
 .BLRB 80
00364 QUEUE_RAB:
 .BLRB 68
003A8 QUEUE_NAM:
 .BLRB 96
00408 QUEUE_XAB:
 .BLRB 88
00460 QUEUE_RSA:
 .BLRB 255
0055F .BLKB 1
00560 QUEUE_ALQ:
 .BLRB 4
00564 QUEUE_MBF:
 .BLRB 1
00565 .BLKB 3
00568 ACCOUNTING_FABS:
 .BLRB 8
00570 ACCOUNTING_RABS:
 .BLRB 8
00578 ACCOUNT_FAB_A:
 .BLRB 80

BROADCAST
V04-000

Broadcast message to user

M 9
15-Sep-1984 23:56:16
14-Sep-1984 12:36:57

VAX-11 Bliss-32 V4.0-742
[JOBCTL.SRC]BROADCAST.B32;1

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005C8 ACCOUNT_RAB_A:
 .BLRB 68
0060C ACCOUNT_NAM_A:
 .BLRB 96
0066C ACCOUNT_RSA_A:
 .BLRB 255
0076B .BLRB 1
0076C ACCOUNT_FAB_B:
 .BLRB 80
007BC ACCOUNT_RAB_B:
 .BLRB 68
00800 ACCOUNT_NAM_B:
 .BLRB 96
00860 ACCOUNT_RSA_B:
 .BLRB 255
0095F .BLRB 1
00960 DIAG_FAB:
 .BLRB 80
009B0 DIAG_RAB:
 .BLRB 68
009F4 MBX_CHAN:
 .BLRB 4
009F8 MBX_IOSB:
 .BLRB 8
00A00 MBX_BUFFER:
 .BLRB 1024
00E00 VALUE_STORAGE_BASE:
 .BLRB 0
00E00 ITEM_PRESENT:
 .BLRB 32
00E20 VALUE_GETQUI_BASE:
 .BLRB 0
00E20 VALUE_ACCOUNTING_MESSAGE:
 .BLRB 8
00E26 VALUE_ACCOUNTING_TYPES:
 .BLRB 4
00E2A VALUE_AFTER_TIME:
 .BLRB 8
00E32 VALUE_ALIGNMENT_PAGES:
 .BLRB 1
00E33 VALUE_BASE_PRIORITY:
 .BLRB 1
00E34 VALUE_BATCH_INPUT:
 .BLRB 6
00E3A VALUE_BATCH_OUTPUT:
 .BLRB 10
00E44 VALUE_BUFFER_COUNT:
 .BLRB 1
00E45 VALUE_CHARACTERISTIC_NAME:
 .BLRB 6
00E4B VALUE_CHARACTERISTIC_NUMBER:
 .BLRB 1
00E4C VALUE_CHARACTERISTICS:
 .BLRB 16
00E5C VALUE_CHECKPOINT_DATA:
 .BLRB 8
00E62 VALUE_CLI:

BUF
V04

00E68 VALUE_CPU_DEFAULT: .BLKB 6
00E6C VALUE_CPU_LIMIT: .BLKB 4
00E70 VALUE_DESTINATION_QUEUE: .BLKB 4
00E78 VALUE_DEVICE_NAME: .BLKB 8
00E7E VALUE_ENTRY_NUMBER: .BLKB 6
00E82 VALUE_ENTRY_NUMBER_OUTPUT: .BLKB 4
00E8C VALUE_EXTEND_QUANTITY: .BLKB 10
00E8E VALUE_FILE_COPIES: .BLKB 2
00E8F VALUE_FILE_IDENTIFICATION: .BLKB 1
00EB3 VALUE_FILE_SETUP_MODULES: .BLKB 36
00EB9 VALUE_FILE_SPECIFICATION: .BLKB 8
00EBF VALUE_FIRST_PAGE: .BLKB 6
00EC3 VALUE_FORM_DESCRIPTION: .BLKB 4
00EC9 VALUE_FORM_LENGTH: .BLKB 6
00ECA VALUE_FORM_MARGIN_BOTTOM: .BLKB 1
00ECB VALUE_FORM_MARGIN_LEFT: .BLKB 1
00ECD VALUE_FORM_MARGIN_RIGHT: .BLKB 2
00ECF VALUE_FORM_MARGIN_TOP: .BLKB 2
00ED0 VALUE_FORM_NAME: .BLKB 1
00ED6 VALUE_FORM_NUMBER: .BLKB 6
00EDA VALUE_FORM: .BLKB 4
00EE2 VALUE_FORM_SETUP_MODULES: .BLKB 8
00EE8 VALUE_FORM_STOCK: .BLKB 6
00EEE VALUE_FORM_WIDTH: .BLKB 6
00EF0 VALUE_GENERIC_TARGET: .BLKB 2
012D4 VALUE_JOB_COPIES: .BLKB 996
012D5 VALUE_JOB_LIMIT: .BLKB 1
012D6 VALUE_JOB_NAME: .BLKB 1
012D6 VALUE_JOB_NAME: .BLKB 6

012DC VALUE_JOB RESET_MODULES:
 .BLKB 6
012E2 VALUE_JOB_SIZE_MAXIMUM:
 .BLKB 4
012E6 VALUE_JOB_SIZE_MINIMUM:
 .BLKB 4
012EA VALUE_JOB_STATUS_OUTPUT:
 .BLKB 10
012F4 VALUE_LAST_PAGE:
 .BLKB 4
012F8 VALUE_LIBRARY_SPECIFICATION:
 .BLKB 6
012FE VALUE_LOG_QUEUE:
 .BLKB 8
01306 VALUE_LOG_SPECIFICATION:
 .BLKB 6
0130C VALUE_NOTE:
 .BLKB 6
01312 VALUE_OPERATOR_REQUEST:
 .BLKB 6
01318 VALUE_OWNER_UIC:
 .BLKB 4
0131C VALUE_PAGE_SETUP_MODULES:
 .BLKB 8
01322 VALUE_PARAMETER_1:
 .BLKB 6
01328 VALUE_PARAMETER_2:
 .BLKB 6
0132E VALUE_PARAMETER_3:
 .BLKB 6
01334 VALUE_PARAMETER_4:
 .BLKB 6
0133A VALUE_PARAMETER_5:
 .BLKB 6
01340 VALUE_PARAMETER_6:
 .BLKB 6
01346 VALUE_PARAMETER_7:
 .BLKB 6
0134C VALUE_PARAMETER_8:
 .BLKB 6
01352 VALUE_PRIORITY:
 .BLKB 1
01353 VALUE_PROCESSOR:
 .BLKB 6
01359 VALUE_PROTECTION:
 .BLKB 4
0135D VALUE_QUEUE:
 .BLKB 6
01363 VALUE_QUEUE_FILE_SPECIFICATION:
 .BLKB 8
01369 VALUE_RELATIVE_PAGE:
 .BLKB 4
0136D VALUE_RESERVED_INPUT_1:
 .BLKB 1
0136E VALUE_RESERVED_INPUT_2:
 .BLKB 2
01370 VALUE_RESERVED_INPUT_3:

01374 VALUE_RESERVED_INPUT_4:
0137A VALUE_RESERVED_OUTPUT_1:
01384 VALUE_RESERVED_OUTPUT_2:
0138E VALUE_SEARCH_STRING:
01394 VALUE_SC\$NODE_NAME:
0139A VALUE_WSDEFAULT:
0139C VALUE_W\$EXTENT:
0139E VALUE_W\$QUOTA:
013A0 VALUE_STORAGE_END:

JBC\$_CLOSEOUT= 266328
JBC\$_NOCMKRNL= 272388
JBC\$_NOOPER= 272532
JBC\$_NOSYSNAM= 272404
JBC\$_OPENIN= 266392
JBC\$_OPENOUT= 266400
JBC\$_READERR= 266416
JBC\$_WRITEERR= 266448

.EXTRN CREATE_SRQ_RECORD
.EXTRN SYSSBRKTHRO

.PSECT CODE,NOWRT,2

			0000 00000	.ENTRY	BROADCAST_MESSAGE, Save nothing	: 1108
5E		10	C2 00002	SUBL2	#16, SP	: 1147
50	04	AC	D0 00005	MOVL	SYSID, R0	: 1147
60	00000000'	EF	D1 00009	CMPL	THIS_SYSID, (R0)	: 1152
		0A	12 00010	BNEQ	1\$	: 1152
04	A0 00000000'	EF	B1 00012	CMPL	THIS_SYSID+4, 4(R0)	: 1152
		13	13 0001A	BEQL	2\$	: 1152
7E	0C	AC	7D 0001C 1\$:	MOVQ	LENGTH, -(SP)	: 1152
	08	AC	DD 00020	PUSHL	USERNAME	: 1150
		50	DD 00023	PUSHL	R0	: 1150
		09	DD 00025	PUSHL	#9	: 1150
00000000G	EF	05	FB 00027	CALLS	#5, CREATE_SRQ_RECORD	: 1147
		04	0002E	RET		: 1163
08	AE	0C	AC 7D 0002F 2\$:	MOVQ	LENGTH, MSG_DESC	: 1163
	6E	0C	D0 00034	MOVL	#12, USER_DESC	: 1165
04	AE	08	AC D0 00037	MOVL	USERNAME, USER_DESC+4	: 1166
		7E	7C 0003C	CLRQ	-(SP)	: 1172
		0A	DD 0003E	PUSHL	#10	: 1172
		03	DD 00040	PUSHL	#3	: 1172
7E		20	7D 00042	MOVQ	#32, -(SP)	: 1172
7E		02	7D 00045	MOVQ	#2, -(SP)	: 1172
	20	AE	9F 00048	PUSHAB	USER_DESC	: 1172
	2C	AE	9F 0004B	PUSHAB	MSG_DESC	: 1172
		7E	D4 0004E	CLRL	-(SP)	: 1172

BROADCAST
V04-000

Broadcast message to user

D 10
15-Sep-1984 23:56:16
14-Sep-1984 12:36:57

VAX-11 Bliss-32 V4.0-742
[JOBCTL.SRC]BROADCAST.B32;1

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00000000G U0

OB FB 00050
04 00057

CALLS #11, SYSSBRKTHRU
RET

; 1174

; Routine Size: 88 bytes, Routine Base: CODE + 0000

BROADCAST
V04-000

Broadcast message to user

E 10
15-Sep-1984 23:56:16
14-Sep-1984 12:36:57

VAX-11 Bliss-32 V4.0-742
[JOBCTL.SRC]BROADCAST.B32;1

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: 138
: 139
1175 1 END
1176 0 ELUDOM

PSECT SUMMARY

Name	Bytes	Attributes
COMMON	5024	NOVEC, WRT, RD, NOEXE, NOSHR, LCL, REL, OVR, NOPIC, ALIGN(2)
CODE	88	NOVEC, NOWRT, RD, EXE, NOSHR, LCL, REL, CON, NOPIC, ALIGN(2)

Library Statistics

File	----- Total	Symbols Loaded	----- Percent	Pages Mapped	Processing Time
_\$255\$DUA28:[SYSLIB]LIB.L32;1	18619	36	0	1000	00:01.4

COMMAND QUALIFIERS

: BLISS/CHECK=(FIELD,INITIAL,OPTIMIZE)/LIS=LIS\$:BROADCAST/OBJ=OBJ\$:BROADCAST MSRC\$:BROADCAST/UPDATE=(ENH\$:BROADCAST)

: Size: 88 code + 5024 data bytes
: Run Time: 00:10.6
: Elapsed Time: 01:19.2
: Lines/CPU Min: 6681
: Lexemes/CPU-Min: 57573
: Memory Used: 207 pages
: Compilation Complete

0191 AH-BT13A-SE
VAX/VMS V4.0

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LIS

BROADCAST
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